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REPORT

of the

Local Board of Health



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ALBERTA

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Dr. P. B. Rose

Dr. J. P. Moreau, Edmonton Separate School Board
Dr. R. H. Blaquiere, Edmonton and District Dental Society

EX-OFFICIO MEMBERS

His Worship the Mayor
Dr. G. M. Little, M.O.H. Mr. J. D. A. MacDonald, City Engineer
Catharine Rose, Secretary

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Dr. S. Smulski Ald. Mrs. E. Wilson Ald. Mrs. M. L. Douglas
Dr. P. B. Rose

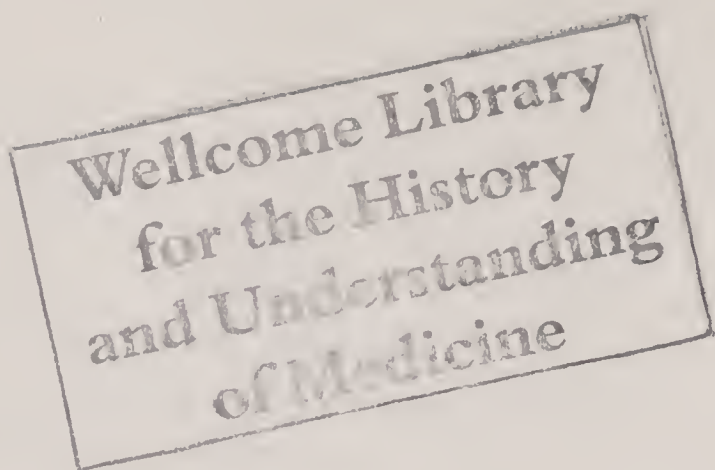
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STAFF

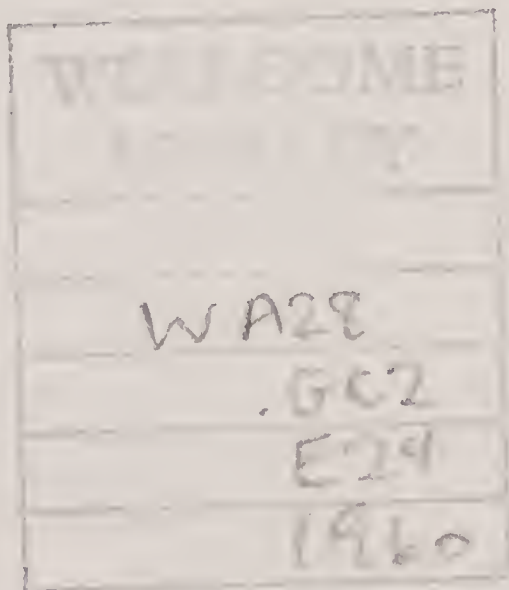
Medical Officer of HealthG. M. Little, M.D., D.P.H.
Asst. Medical Officer of Health.....G. H. Ball, M.B., Ch.B., D.P.H.
Asst. Medical Officer of Health.....J. C. Gillespie, M.B., Ch.B., D.C.H.,
D.P.H.
Physician, Chief Pediatrics D. B. Leitch, B.A., M.D., F.R.C.P.(C),
F.A.A.P.
Physician, PediatricsL. Beauchamp, B.Sc., M D., R.C.P.S.(C)
Physician, Pediatrics.....J. Nelson, M.B., Ch.B., M.R.C.P.(E.),
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Physician, PediatricsK. Swallow, B.Sc., M.D , R.C.P.S. (C)
Physician, School Health.....O. B. Bode, M.D., M.R.C.S., L.R.C.P.
Physician, School HealthM. Boeske, M.D.
Physician, School HealthC. Dafoe, M.D., D.A.
Physician, School Health.....M. Newell, M.B., L.M.C.C.
Physician, School Health.....D. Patrick, B.A., M.B., Ch.B.
Dental Director, School HealthM. B. Levitt, D.D.S.
Dentist, School Health.....J. Edwardh, D.D.S.
Dentist, School HealthH. Fayerman, D.D.S.
Dentist, School Health.....M. Stechishin, D.D.S.
Sr. School Nurse.....Crookshanks, Miss E., B.Sc., P.H.
Sr. Nurse, Well Baby Clinic....Christensen, Miss S. C.
Sr. Nurse, Inoculation Clinic.....Griffith, Miss M.
Chief Sanitary Inspector.....Alexander, L. G., C.S.I., (C)
Milk and Dairy Supervisor.....Meredith, R. B., C.S.I. (C)
Chief Food Inspector.....Pennifold, K., V.S.
Secretary, Board of Health.....Rose, Miss C. R.



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Annual Report of the Medical Officer of Health

Chairman and Members
Local Board of Health
Edmonton, Alberta.

Madam and Gentlemen:

I herewith present to you for your consideration the annual report of the services of the Local Board of Health for 1960.

The population of Edmonton in 1960 was recorded as 269,314—an increase of 8,581 or 3.3% over the 1959 figure. The natural increase was 6,968. Therefore, 1,613 people immigrated to the city.

The stillbirth rate rose slightly to 10.5 per thousand live births. The low recorded in this city was 8.4 in 1958. There were no maternal deaths during the year.

Disease of the heart and cancer remain the prime causes of death of our citizens. Deaths due to external causes continue to rise—1.9% increase in the last year. In the preceding decade, a 24.5% increase is noted—an average of 2.5% rise each year. In the field of life saving, the problem of violent death is urgent. Until each individual considers this to be a matter of personal concern, there is no doubt but that the present pattern will continue.

Forty-six cases of poliomyelitis occurred during the year, three of whom died. Two of those who died were over forty years of age. In this connection it is of considerable interest to note a decrease in the number of adults presenting themselves at the clinics for poliomyelitis immunization, despite frequent appeals to obtain immunization. It is not surprising, but nevertheless regrettable, that the poliomyelitis season almost invariably presents a rush of adults for immunization.

During the five-year period 1956 - 1960, the incidence of venereal disease has increased, 86% of cases occurring in the twenty - thirty-nine year age-group. No doubt resistant strains of organisms are developing. However, it is difficult to believe that this accounts for the total increase.

Early in the year, the Alberta Tuberculosis Association undertook a miniature X-ray survey of the north-central area of the city. This is a somewhat congested area of the city where the incidence of tuberculosis appeared somewhat high. Despite considerable groundwork, the turn-out of citizens was not good and no extraordinary incidence of tuberculosis was revealed.

On the first day of June, the Idylwyld Clinic was opened. This building contains facilities for a well baby clinic, an immunization clinic, dental office, district nurses and a sanitarian. The early attendance at the clinic has been up to expectation.

The school population of the city in 1960 stood at 57,490. In the fall of the year, a pilot project involving the reduction from three periodic examinations in school life to two periodic examinations was undertaken in a few selected schools.

In the field of sanitation, problems were not lacking, but generally standards are comparably high. Consistent and commendable efforts have been made towards improvement in food processing and handling.

December, 1960 marked the retirement of Dr. G. M. Little as Medical Officer of Health after 23 years of outstanding service. His unfailing ability and leadership will be sorely missed in the field of Public Health.

Appreciation is also due to the voluntary organizations, governmental departments and the new media who have so freely assisted your staff in the performance of their duties.

Throughout the year, the thoughtful consideration and support of the Local Board of Health in handling our many problems has proved a great asset in the success in this department.

Yours truly,

G. H. BALL, M.B., D.P.H.,
Medical Officer of Health.

EXPENDITURES 1960

Salaries	\$374,099
Furniture and Office Supplies	7,228
Milk and Glasses	1,466
Medical Supplies	4,954
Printing, Postage and Stationery	5,727
Transportation and Cars	13,965
Telephones, Advertising and Travelling	2,253
Uniforms	660
Miscellaneous	1,850
Insurances and Pensions	11,314
Space and Maintenance	47,493
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	\$471,109
	<hr/>
	Cost per Capita—\$1.75

CLASSIFICATION OF EXPENDITURES 1960

Adminis- tration	Communi- cable Disease Control	Milk and Dairy Supervision	Food and Meat Control	Well Baby Clinics	Sanitation	Vital Statistics	School Health Services	Bathhouse Attendant	Total Expendi- tures
Salaries	\$39,277	\$12,978	\$8,891	\$52,029	\$48,625	\$1,649	\$189,248	\$239	\$374,099
Furniture and Office Supplies	1,286	37	—	547	64	—	4,967	—	7,228
Milk and Glasses	—	—	—	—	—	—	1,466	—	1,466
Medical Supplies	790	5	—	263	2	—	3,797	—	4,954
Printing, Postage and Stationery.	511	25	16	806	324	—	2,662	—	5,727
Transportation and Cars	287	1,787	420	1,999	3,376	—	5,616	—	13,965
Telephone, Advtg., Travelling	503	115	—	581	189	—	475	—	2,253
Uniforms	160	—	—	243	128	—	129	—	660
Miscellaneous	487	14	79	427	51	—	687	—	1,850
Insurance, Pensions	—	—	—	—	—	—	4,296	—	11,314
Space and Maintenance	13,919	—	—	13,936	—	—	14,113	—	47,493
\$36,488	\$57,220	\$14,961	\$9,406	\$70,831	\$52,759	\$1,649	\$227,456	\$239	\$471,109
7.7%	12.1%	3.2%	2.0%	15.0%	11.2%	.4%	48.3%	.1%	100%

SUMMARY OF STATISTICS

Area of City—56.47 square miles

	1960	1959	1958	1957	1956
Population	269,314	260,733	252,131	238,353	224,003
Persons per acre of land	7.4	8.8	8.7	8.3	7.8
Cost per capita	1.75	1.63	1.53	1.24	1.17
School enrolment	57,490	53,490	50,173	46,682	42,645
Natural increase of population	6,986	6,889	6,843	6,667	6,409
BIRTHS					
Total births	12,847	12,425	12,072	11,513	11,035
Resident births only	8,705	8,599	8,408	8,186	7,821
Resident rate per 1000 population	32.3	32.9	33.3	34.3	35.1
STILLBIRTHS					
Total stillbirths	142	138	109	135	135
Resident stillbirths only	92	84	71	86	92
Resident stillbirths rate per 1000 living births	10.5	9.8	8.4	10.5	11.7
DEATHS					
Total deaths	2,552	2,460	2,313	2,284	2,191
Resident deaths only	1,737	1,710	1,565	1,519	1,412
Resident rate per 1000 population	6.5	6.5	6.2	6.3	6.3
INFANT MORTALITY					
Total deaths under 1 year of age	326	275	304	277	254
Resident deaths under 1 year of age..	199	168	187	174	169
Resident rate per 1000 living births..	22.8	19.5	22.2	21.2	21.6
MATERNAL MORTALITY					
Maternal deaths (Resident only)	0	2	2	1	1
Rate per 1000 living births .....	.00	.23	.23	.12	.12
MARRIAGES					
Marriages	3,471	3,270	3,149	3,121	2,967
Rate per 1000 population	12.5	12.3	12.5	13.1	13.2

VITAL STATISTICS

	1960	1959	1958	1957	1956
BIRTHS					
Total births	12,847	12,425	12,072	11,513	11,035
Resident births only	8,705	8,599	8,408	8,186	7,821
Male	4,518	4,389	4,339	4,106	4,079
Female	4,187	4,210	4,069	4,080	3,742
Double Births					
(Residents only)	101	82	82	76	80
Triple Births					
(Residents only)	3	1	1	—	3
Resident					
Illegitimate births	463	474	374	348	375
Total Illegitimate births	788	770	647	637	603
Born in Institutions					
(Residents)	8,702	8,598	8,401	8,185	7,819
Maternal Parentage:					
Canada	6,898	6,645	6,436	6,476	6,278
British Isles	365	431	471	361	367
Europe and Asia	1,305	1,399	1,388	1,235	1,027
U.S.A.	112	105	105	94	118
Other Countries	25	19	8	20	31

RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND ORDER OF BIRTH
1960

	-14	14-19	20-24	25-29	30-34	35-39	40-44	Over 44	Total	%
1st Child	4	620	1,284	549	170	59	13	2	2,810	31.0
2nd Child	—	164	966	776	292	101	20	—	2,319	26.6
3rd Child	—	34	416	623	375	164	36	2	1,650	19.0
4th Child	—	6	136	363	324	191	40	3	1,063	12.2
5th Child	—	—	26	126	172	104	30	3	461	5.2
6th Child	—	—	8	49	101	84	18	—	260	3.0
7th Child	—	—	—	20	59	48	11	3	141	1.6
8th Child	—	—	—	11	15	28	5	1	60	.7
9th Child	—	—	—	2	10	6	2	—	20	.2
10th Child and over	—	—	—	1	11	11	6	1	30	.5
	4	824	2,836	2,520	1,529	796	181	15	8,705	100

STILLBIRTHS	1960	1959	1958	1957	1956
Total Stillbirths	142	138	109	135	135
Resident Stillbirths only	92	84	71	86	92
Male	40	50	38	39	50
Female	52	34	33	47	42
Born in Institutions	92	84	71	86	92
Cause of Foetal Deaths:					
Dystocia	9	27	22	27	43
Prematurity	10	6	9	4	3
Toxemia of Pregnancy	—	2	3	3	3
Syphilis	8	—	—	—	—
Malformation	17	16	12	19	8
Placenta and Membranes	—	12	10	24	8
Traumatism, Overwork	31	—	—	—	—
Other Conditions	—	21	9	9	26

DEATHS	1960	1959	1958	1957	1956
Total Deaths	2,552	2,460	2,313	2,284	2,191
Resident Deaths only	1,737	1,710	1,565	1,519	1,412
Male	1,087	1,035	1,002	927	880
Female	650	675	563	592	532
Resident rate per 1,000 population	6.5	6.5	6.2	6.3	6.3
Racial Origin:					
Canada	487	453	547	602	513
British Isles	538	523	454	443	241
Europe and Asia	489	481	429	352	358
U.S.A.	113	96	109	101	76
Others	110	157	26	21	24

INFANT MORTALITY	1960	1959	1958	1957	1956
Total deaths under 1 year of age..	326	275	304	277	254
Resident deaths under 1 yr. of age	199	168	187	174	169
Male	125	103	121	92	89
Female	74	65	66	82	80
Legitimate	183	161	176	157	152
Infant mortality rate per 1,000 living births	22.8	19.5	22.2	21.2	21.6
Racial Origin:					
Canada	148	124	154	150	140
British Isles	15	14	9	7	10
Europe and Asia	31	30	21	15	13
U.S.A.	4	—	—	2	2
Others	1	—	3	—	4

769	Neonatal disorders arising from certain diseases of mother during pregnancy	1	1
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PRINCIPAL CAUSES OF DEATH, 1960

		Total	Male	Female	% of Total Deaths	Rate per 100,000 Population
420 - 434	Diseases of heart	531	356	175	30.6	197.1
140 - 205	Cancer	349	202	147	20.1	129.5
330 - 334	Vascular lesions affecting central nervous system	175	98	77	10.1	64.9
750 - 776	Diseases of Early Infancy	174	111	63	10.1	64.9
800 - 999	External causes	138	102	36	8.0	51.2
490 - 491	Pneumonia	46	28	18	2.6	17.0
440 - 447	Hypertension	40	16	24	2.3	14.4
260	Diabetes Mellitus	24	17	7	1.4	8.9
410 - 416	Chronic Rheumatic heart disease....	17	9	8	.9	6.3
500 - 502	Bronchitis	9	7	2	.5	3.3
	All other causes	234	141	93		
Total.....		1737	1087	650		

MORTALITY FROM HEART DISEASE

Year	Total Deaths	Deaths From Heart Disease	Percentage of Total Deaths	Rate per 100M Population
1960	1737	531	30.6	197.1
1959	1710	485	28.3	186.0
1958	1565	442	28.2	175.0
1957	1519	393	25.8	164.0
1956	1412	396	28.0	176.7

MORTALITY FROM CANCER

Year	Total Deaths	Deaths From Cancer	Percentage of Total Deaths	Rate per 100M Population
1960	1737	349	20.1	129.5
1959	1710	291	17.0	111.6
1958	1565	269	17.7	106.6
1957	1519	270	17.7	113.2
1956	1412	259	18.3	115.6

MORTALITY FROM INTRACRANIAL LESIONS OF VASCULAR ORIGIN

Year	Total Deaths	Deaths From This Cause	Percentage of Total Deaths	Rate per 100M Population
1960	1737	175	10.1	64.9
1959	1710	187	10.9	71.1
1958	1565	162	10.3	64.0
1957	1519	149	9.8	62.5
1956	1412	131	9.2	65.6

MORTALITY FROM TUBERCULOSIS

Year	Total Deaths	Deaths From Tuberculosis	Percentage of Total Deaths	Rate per 100M Population
1960	1737	7	.14	3.3
1959	1710	14	.82	5.3
1958	1565	8	.05	3.1
1957	1519	18	1.1	7.5
1956	1412	10	.7	4.4

MORTALITY FROM PNEUMONIA

Year	Total Deaths	Deaths From Pneumonia	Percentage of Total Deaths	Rate per 100M Population
1960	1737	46	2.6	17.0
1959	1710	65	3.8	24.7
1958	1565	48	3.0	19.4
1957	1519	46	3.0	19.3
1956	1412	51	3.5	22.7

MORTALITY FROM EXTERNAL CAUSES

Year	Total Deaths	Deaths From External Causes	Male	Female	Suicide	Homicide	Automobile Accidents	All Other Accidents	Percentage of Deaths	Rate Per 100M Population
1960	1737	138	102	36	19	4	47	68	10.1	51.2
1959	1710	130	100	30	24	2	45	59	7.6	49.8
1958	1565	119	88	31	23	2	45	49	7.6	47.6
1957	1519	123	95	28	22	4	33	64	8.0	51.6
1956	1412	116	82	34	24	3	56	33	8.2	51.7

IMMUNIZATION CLINIC

	1960	1959	1958	1957	1956
No. of persons receiving 1st doses	29,564	59,203	42,859	29,484	15,245
No. persons receiving reinforcing doses	7,905	8,267	7,724	6,960	6,145
Total procedures	237,948	269,640	209,654	144,470	96,601
Total attendance	116,443	159,610	133,090	78,042	42,954
Phone calls	23,337	21,579	18,626	13,996	11,303
Out of town persons attending clinics	1,323	2,184	1,184	863	749
Student days	276	275	242	251	214
CLINICS HELD:					
Main Clinic	252	250	251	251	251
Average attendance	187	291	261	193	97
South Side Clinic	251	250	250	250	251
Average attendance	78	119	100	60	47
Woodcroft Clinic	251	250	250	250	199
Average attendance	114	148	132	58	34
Eastwood Clinic	251	250	187	—	—
Average attendance	63	79	46	—	—
Idylwyld Clinic	152	(Opened June 1st, 1960)			
Average attendance	35				

IMMUNIZATION RECORD 1960

	Immunization Clinics	School Health Service
Diphtheria		
1st dose	9,060	779
Re-inforcing doses	6,458	9,255
Total doses	43,521	11,246
Whooping Cough		
1st dose	8,842	
Re-inforcing doses	6,051	
Total doses	42,320	
Tetanus		
1st dose	9,483	779
Re-inforcing doses	6,415	9,255
Total doses	44,638	11,246
Typhoid		
1st dose	500	
Re-inforcing doses	63	
Total doses	1,438	
Smallpox		
Smallpox vaccinations	9,221	5,843
Poliomyelitis		
1st dose	19,145	432
Re-inforcing doses	1,682	8,525
Total doses	89,126	10,084
Cholera		
1st dose	141	
Total doses	270	
Typhus		
1st dose	67	
Total doses	129	
Rocky Mountain Spotted Fever		
1st dose	4	
Total doses	16	
Others		
Total doses	11	
Schick Test	333	

COMMUNICABLE DISEASE BY AGE, 1960

	Total	Male	Female	Under 1	1/4	5/9	10/14	15/19	20/39	40/59	60 & Over	Not Stat- ed	Non- Resi- dents
Dysentery	2	1	1	...	...	1	...	...	...	...	1	...	6
Dysentery (Carrier)	1	1	...	...	...	...	...	...	1	...	...	...	...
Food Poisoning	4	3	1	1	...	1	...	...	1	...	1	...	5
Measles	1,820	915	905	58	705	1,019	29	5	4	...	...	...	36
Meningitis A (Poliovirus)	6	2	4	...	4	...	...	...	1	1	...	...	2
Meningitis B (Coxsackie virus)	1	1	...	...	...	...	...	...	1	...	...	...	2
Meningitis D (Other and unspecified)	18	12	6	2	2	5	2	1	6	...	...	...	7
Poliomyelitis	46	27	19	...	13	15	5	4	8	...	1	...	57
Rubella	210	104	106	19	66	94	19	3	8	1	...	...	...
Scarlet Fever and Strep. Throat	596	304	292	6	137	310	101	19	19	4	...	...	6
Typhoid Fever	2	2	...	...	...	...	...	...	1	...	...	...	...
Paratyphoid Fever	1	1	...	...	1	...	...	...	...	...	1	...	...
Typhoid Fever Carrier	1	1	...	...	...	...	...	...	...	...	...	...	...
Paratyphoid Fever Carrier .....	...	...	...	...	...	...	...	...	...	...	...	...	1
Whooping Cough	76	33	43	8	30	31	7	...	...	...	...	...	20
Tuberculosis (Pulmonary) Active	51	28	23	1	...	1	1	1	23	11	10	3	...
Tuberculosis (Pulmonary) Inactive	57	32	25	...	...	...	...	1	24	15	14	3	...
Tuberculosis (other forms) Active	12	4	8	...	...	...	1	1	7	1	...	2	...
Tuberculosis (other forms) Inactive ..	1	...	1	...	...	...	...	...	1	...	...	...	...
VENEREAL DISEASE													
Gonorrhoea	1,740	962	778	...	...	...	1	226	1,495	...	...	18	...
Syphilis	74	47	27	...	...	...	1	4	68	...	...	1	...
TOTAL	4,719	2,480	2,239	95	958	1,447	167	265	1,668	34	28	27	142
DEATHS													
Chickenpox	1	1	...	...	...	1	...	...	...	...	...	...	...
Infectious Hepatitis	1	1	...	...	...	...	...	...	...	...	1	...	...
Measles	2	...	2	...	2	...	...	...	...	...	...	...	...
Poliomyelitis	3	3	...	...	...	1	...	...	...	1	1	...	...
Syphilis	2	2	...	...	...	...	...	...	...	...	2	...	...
Tuberculosis (Pulmonary)	6	5	1	...	...	...	...	...	...	2	4	...	...
Tuberculosis (other forms)	1	...	1	...	...	...	...	...	...	...	1	...	...
TOTAL	16	12	4	...	2	2	...	...	...	3	9	...	...

COMMUNICABLE DISEASE BY SEASON AND SEX, 1960

	Total	Male	Female	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Non-Resident
Dysentery	2	1	1	...	...	...	...	...	1	...	...	1	...	...	...	6
Dysentery (Carrier)	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Food Poisoning	4	3	1	...	...	...	...	...	...	2	...	...	1	1	...	5
Measles	1,820	915	905	403	408	226	217	203	180	71	33	14	7	38	20	36
Meningitis A (Poliovirus)	6	2	4	1	...	...	...	...	...	...	1	3	1	...	...	2
Meningitis B (Coxsackie virus)	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...	2
Meningitis D (Other and unspecified)...	18	12	6	...	...	...	...	...	...	2	6	5	4	...	1	7
Poliomyelitis	46	27	19	2	...	...	...	...	...	10	15	11	7	1	...	57
Rubella	210	104	106	35	25	24	13	13	15	19	18	17	10	7	14	...
Scarlet Fever and Strep. Throat	596	304	292	92	101	113	92	57	31	9	6	11	10	32	42	6
Typhoid Fever	2	2	...	...	...	1	1	...	...	...	...	...	...	...	...	...
Typhoid Fever Carrier	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Paratyphoid Fever	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Paratyphoid Fever Carrier .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Whooping Cough	76	33	43	1	17	5	12	8	2	10	6	11	1	1	2	20
Tuberculosis (Pulmonary) Active.....	51	28	23	1	1	3	4	11	1	3	2	7	6	2	10	...
Tuberculosis (Pulmonary) Inactive.....	57	32	25	...	8	6	4	4	5	2	4	7	3	5	9	...
Tuberculosis (other forms) Active.....	12	4	8	...	1	1	2	2	...	1	1	...	1	1	2	...
Tuberculosis (other forms) Inactive.....	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...
VENEREAL DISEASE																
Gonorrhoea	1,740	962	778	126	175	140	176	121	187	114	148	149	134	139	131	...
Syphilis	74	47	27	8	8	14	7	6	6	1	2	9	4	6	3	...
TOTAL.....	4,719	2,480	2,239	669	745	533	528	425	429	245	243	245	189	233	235	142
DEATHS																
Chickenpox	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Infectious Hepatitis	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Measles	2	...	2	...	1	1	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	3	3	...	...	...	...	...	1	...	...	...	...	...	...	2	...
Syphilis	2	2	...	...	...	...	1	...	1	...	...	...	...	...	...	...
Tuberculosis (Pulmonary)	6	5	1	...	...	1	1	...	2	...	2	...	...	...	...	...
Tuberculosis (Other forms)	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...
TOTAL.....	16	12	4	...	1	2	2	1	3	1	2	1	...	...	3	...

TUBERCULOSIS CONTROL

	1960	1959	1958	1957	1956
*Cases—Pulmonary Tuberculosis	108	139	150	173	150
**All other forms of T.B.	13	30	14	17	23
Rates per 100,000 population					
Pulmonary Tuberculosis	40.1	53.3	59.5	72.5	66.9
All other forms of T.B.	4.0	11.5	5.5	7.0	10.2
Deaths—Pulmonary Tuberculosis	6	12	5	17	9
All others forms of T.B.	1	2	3	1	1
*Includes Inactive Cases					
**Includes Inactive Cases					



KINSMEN'S CLUB SERVICE

	1960	1959	1958	1957	1956
Total visits by Nurse	2,813	3,100	4,466	4,349	4,955
Visits to homes	635	733	954	1,510	1,927
Visits to T.B. Cases	578	688	915	862	907
Visits to contact cases	1,535	1,583	2,421	1,814	1,922
Observation, co-operative visits.....	65	96	176	153	199
Tuberculin tests in homes	2,604	709	1,799	573	1,956
CHEST SURVEY—City Hall	9,898	9,934	7,879	6,922	(8 mos.)
Industrial	10,956	10,123	9,029	2,961	
Edmonton East....	4,775	—	—	—	
	25,629	20,057	16,908	9,883	

SCHOOL HEALTH SERVICES, 1960

In 1960 pupils attending schools served by the Health Department totalled 57,490, an increase of 4,000 over the 1959 figure. The employment of three more district nurses raised the staff establishment to thirty-eight.

Periodic examinations by the Medical Officers covered Grades I, V and X, and all entrants to the school system. In selected schools the Grade V examinations were omitted and increased stress was placed on the identification and follow-up of students with health problems; if this approach should prove itself on a long-term basis, it will be applied more widely.

Routine audiometry continued in Grade IV. Of all those tested it was found necessary to make individual audiograms for about 3%—a figure in close accord with experience elsewhere.

Eighty-one children of indigent parents were provided with ophthalmic examinations and with spectacles where necessary.

The immunization program was maintained at the normal level, protection being offered against poliomyelitis, diphtheria, tetanus and smallpox. It is a pleasure to acknowledge the high degree of parental co-operation obtained.

For the second year in succession there were no cases of diphtheria recorded in children of school age. Of some thousand cases of measles, more than half occurred in the last three months of the year. Poliomyelitis was epidemic from July to October, and sixteen students were attacked.

5,687 Tuberculin Vollmer Patch Tests were applied, mainly to children in Grade I and V: thirty-five positive reactors were referred to the Tuberculosis Division of the Provincial Health Department for further investigation. It is anticipated that routine testing will soon be extended to include Grade X.

Five new cases of tuberculosis in school age children were reported.

During the year the names of twenty-eight school children in the City were added to a list of those receiving prophylactic penicillin under the Provincial Department of Health's scheme for the prevention of rheumatic fever. There are now altogether 140 pupils being so cared for, which would suggest that the incidence of rheumatic fever among the students is approximately 0.25%.



Examinations by Medical Officers:

Complete periodic examinations	18,326
Examinations on special referral	765
Re-examinations	268
Total number of examinations	19,375
*Number of pupils with defects	8,268
Parents invited to examinations	13,580
Parents present at examinations	8,399
Pupils referred to physicians	897
Pupils referred to dentists	902

*Excluding teeth)

Examinations by Nurses:

Periodic examinations	28,034
Examinations on special referral	35,094
Re-examinations	14,264
Partial examinations	122,658
Total number of examinations	206,879
Number of pupils with defects	38,893
Pupils referred to physicians	4,748
Pupils referred to dentists	3,208

School Nursing Services

Home visits	5,952
Consultations with physicians	490
Consultations with teachers	18,866
Consultations with parents	11,165
Consultations with others.....	4,644
Pupils given first aid	16,254
Lectures and Talks	505
Student days	184

Audiometric Tests	6,829
Failures	192

Dental Services

Number of operations	9,312
Number of cases completed	516

Dental Survey (Grades 1, 2, 3, 4, 6 and 8)

Number of schools visited	136
Number of children examined	37,292
Number of children with defective teeth	26,716
Number of children without defective teeth	10,576

**VICTORIAN ORDER OF NURSES**

	1960	1959	1958	1957	1956
Prenatal care	3	—	1	1	5
Prenatal instructions	1	3	5	6	26
Postnatal care	14	10	6	1	3
Postnatal instructions	2,169	2,130	2,156	2,094	1,887
Newborn care	118	69	243	203	219
Newborn instructions	2,191	2,116	2,071	1,832	2,007
Medical and Surgical, etc.	14,814	14,902	14,657	14,407	9,802
Total visits	19,310	19,230	19,139	18,534	16,544
Prenatal clinics held	48	49	48	60	35
Enrolment	177	397	—	—	—
Total attendance	1,177	1,406	1,561	2,052	1,154
Average attendance	25	30	32	33	33

WELL BABY AND PRE-SCHOOL CLINICS—1956 TO 1960

	1960	1959	1958	1957	1956
Total attendance	37,783	36,458	33,672	28,011	25,413
Under 1 year	23,582	23,314	22,844	19,133	17,767
1 to 6 years	14,201	13,144	10,828	8,878	7,646
Out of town	2,394	1,844	1,292	1,128	959
Number of Clinics held					
Main Clinic	251	250	250	250	251
Average daily attendance	32	37	40	44	47
Average monthly attendance	676	772	837	916	987
South Side Clinic	251	250	250	250	251
Average daily attendance	29	37	38	36	31
Average monthly attendance	612	764	782	750	715
Woodcroft Clinic	251	250	250	250	199
Average daily attendance	41	43	40	32	25
Average monthly attendance	865	892	830	668	525
Eastwood Clinic	251	250	187	(Opened	
Average daily attendance	33	29	23	April 1st, 1958)	
Average monthly attendance	610	611	476		
Idylwylde Clinic	154	(Opened June 1st, 1960)			
Average daily attendance	24				
Average monthly attendance	500				
Total average attendance (5 clinics)	151	146	135	112	101
Total average monthly attendance					
(5 clinics)	3,149	3,038	2,806	2,334	2,118
Total new admissions	7,823	7,548	7,104	6,320	6,174
Under 1 year	6,051	5,774	5,469	4,712	4,633
1 to 6 years	1,772	1,774	1,635	1,608	1,541
Re-admissions	358	386	266	269	273
Discharged	6,511	5,826	5,623	4,859	5,086
No. of active charts transferred	1,278	756	976	498	808
No. of retired charts transferred	159	138	123	79	106
Total remaining on Roll	20,794	19,282	17,560	16,079	14,119
Home visits	4,633	4,140	3,473	2,767	2,728
Telephone calls	18,305	16,696	15,078	13,001	10,175
Phenylketonuria tests	7,852	—	—	—	—
Number seen by doctor	678	654	572	627	819
Referred to family doctor	690	631	596	489	354
Number of student days	326	364	305	251	212

Physicians were in charge at the Main Clinic two afternoons a week and one afternoon a week at the four other clinics.

SANITATION

INSPECTIONS:

	1960	1959
Dwellings	71	141
Hotels, lodging houses, apartment blocks	443	473
Schools, blocks, public buildings	105	185
Stores, bakeshops, business establishments	2,710	2,793
Restaurants	3,758	3,241
Garbage cans, etc.....	68	102
Streets, lanes, yards, dumps, etc.	4	12
Aged homes	10	8
Miscellaneous (including barber shops, beauty parlors, auto courts and service stations).....	1,122	1,061
Public Health Education lectures	36	31
	8,328	8,047
Re-inspections	146	215

NOTICES:

Written	105	60
Verbal	2,626	3,295

COMPLAINTS:

Received from public	463	361
Justified	381	280
Received from other departments	10	11
Referred to other departments	14	9
The complaints were made up as follows:		
Garbage, streets, lanes, etc.	95	80
Vermin	49	32
Housing, plumbing and drainage.....	108	102
Food and drink.....	68	34
Miscellaneous	143	113

LICENSES:

License applications investigated	3,693	3,603
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PLUMBING:

Sewer and water notices issued	15	14
Extension of time granted.....	1	—
Plumbing permits issued	2,487	3,801
Plumbing permits issued for old buildings	19	46
Alterations to existing plumbing (fixtures).....	2,515	2,304
Privies eliminated through installation of plumbing	19	46
Number of septic tanks installed	6	6

ANIMALS, BARNS, STYS

	1960	1959
Cow owners	8	10
Hog owners	10	10
Goat owners	1	1
Fur farm owners.....	—	—

FOOD:

Samples submitted to Provincial Laboratory	2	13
Foodstuffs condemned (pounds)	149	79

WATER:

Water samples taken	6	4
Negative	5	4
*Positive	1	—
Wells chlorinated	—	—
Wells condemned	—	—
*Wells condemned or further samples taken after chlorination.		

POISON GAS FUMIGATION:**ENFORCEMENT OF REGULATIONS:**

Prosecutions	—	—
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ESTABLISHMENTS CLOSED

Number of student days	68	31
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FOOD INSPECTION



MEATS INSPECTED AND CONDEMNED

Beef:	1960	1959	1958
Number of carcasses inspected.....	6,533	6,547	7,991
Carcasses condemned	17	16	15
Portions condemned	656	602	698
Weight (lbs.) of carcasses and portions condemned	14,285	13,825	13,165
Veal:			
Number of carcasses inspected	974	851	1,183
Carcasses condemned	—	—	1
Portions condemned	18	17	6
Weight (lbs.) of carcasses and portions condemned	100	140	180
Mutton:			
Number of carcasses inspected	46	68	80
Carcasses condemned	—	—	—
Portions condemned	5	2	12
Weight (lbs.) of carcasses and portions condemned	25	10	60
Pork:			
Number of carcasses inspected	18,703	17,915	11,088
Carcasses condemned	3	6	1
Portions condemned	2,000	1,631	1,149
Weight (lbs.) of carcasses and portions condemned	16,210	13,615	11,165

CARCASSES FOUND TO BE INFECTED WITH T.B.

Beef:			
Infected	—	—	—
Percent	—	—	—
Pork:			
Infected	1,157	816	757
Percent	6.18	4.55	6.83

CHIEF CAUSES OF CONDEMNATION, 1960

Beef:	Carcasses	Portions	Weight (lbs.)
Abscess	—	481	4,810
Abscess Multiple	—	21	210
Actinomycosis	—	154	3,080
Bruised Extensive	1	—	275
Emaciation	1	—	420
Malignant Tumors	1	—	300
Parturient	1	—	300
Uraemia	2	—	575
Melanosis	1	—	210
Septicemia	9	—	3,505
Septicemia and Nephritis	1	—	600
	<u>17</u>	<u>656</u>	<u>14,285</u>
Veal:			
Actinomycosis	—	1	10
Adhesions	—	17	90
	<u>—</u>	<u>18</u>	<u>100</u>
Mutton:			
Abscess	—	2	10
Parasites	—	2	10
Adhesions	—	1	5
	<u>—</u>	<u>5</u>	<u>25</u>
Pork:			
Bruised	—	4	80
Parasites	—	863	4,330
Septicemia	1	19	220
Tuberculosis	2	1,106	11,400
Contamination	—	6	180
	<u>3</u>	<u>1,998</u>	<u>16,210</u>

DISEASED ANIMALS

	1960	1959	1958
Beef	648	575	689
Veal	25	16	6
Mutton	5	2	12
Pork	1,849	1,589	1,095
Total amount of meat condemned (lbs.)	30,620	27,590	24,570

***FOODSTUFFS CONDEMNED BY INSPECTORS**

	1960	1959	1958
Poultry	—	5	12
Damaged by fire, flood, etc.	149	74	—
Fish	—	—	—
*Pounds	<u>149</u>	<u>79</u>	<u>12</u>

MILK AND WATER REPORT

	1960		1959	
	Total No. Premises	No. of Inspections	Total No. Premises	No. of Inspections
Inspections:				
Producer-shippers, milk	468	1,203	464	1,175
Producer-shippers, cream	61	65	63	52
Producers—Contacts	—	208	—	287
Pasteurization Plants—Contacts	—	211	—	216
Pasteurization Plants	6	231	6	224
Vehicles	—	200	—	491
Others, Complaints, etc.	—	13	—	8
Licenses and Permits:				
Retail milk certificates issued		692		675
Dairy Licenses issued		529		535
Dairy Licenses refused		4		1
Dairy Licenses suspended temporarily		2		5
Permits issued to cow keepers in the city		10		10
Samples:				
Milk samples taken, retail		1,226		1,355
Milk samples taken, shippers		5,850		8,447
Cream samples taken		229		246
Chocolate Milk samples		114		141
Ice cream samples		16		8
TESTS—Milk:				
Standard Plate Counts		1,227		1,355
Coliform tests		1,169		1,174
Phosphatase tests		1,029		996
Methylene blue tests		5,850		8,447
*Butterfat Tests		1,227		1,355
Restaurants:				
Swab tests of utensils		716		1,123
Water:				
Standard plate counts		1,096		1,280
Coliform tests		1,096		1,280
Chlorine content checks		254		254
Raw river water plate counts		6		27
Swimming Pools:				
Plate counts		540		394
Coliform tests		540		394
Inspections		475		274
Student Days.....		31		31

